

Claims

What is claimed is:

1. A method of marking an article for light condition verification purposes
5 comprising:
 selecting a first light condition for viewing an article; and
 printing first and second colored markings on said article, wherein
 said first and second markings are metameretic and have the same color
 appearance under the first light condition.
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2. The method of claim 1, wherein said first and second markings are
 printed with first and second members of a pair of metameretic inks,
 respectively.
- 15 3. The method of claim 2, wherein said first and second members of a pair
 of metameretic inks are both spot inks.
4. The method of claim 2, wherein said first and second members of a pair
 of metameretic inks are spot and process inks, respectively.
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5. The method of claim 1, wherein at least one of said first and second
 markings is printed with a mixture of process inks.
6. The method of claim 1, wherein said first and second markings are
25 printed adjacently.
7. The method of claim 1 further comprising:
 selecting a second light condition for viewing said article; and
 printing third and fourth colored markings on said article, wherein
30 said third and fourth markings are metameretic and have the same color
 appearance under the second light condition.

8. The method of claim 7, wherein said second and third markings are the same.
9. An article marked according to the method of claim 1.
10. The article of claim 9, wherein said article is a fabric or paper article.
11. The article of claim 9 further comprising at least a third colored marking printed thereon.
12. The article of claim 11, wherein said third marking was printed with the same printer as said first and second markings.
13. The article of claim 11, wherein said third marking was printed with a different printer than said first and second markings.
14. An article for use in verifying light conditions comprising:
first and second colored markings printed thereon, wherein said first and second markings are metameretic and have the same color appearance under a first light condition; and
third and fourth colored markings printed thereon, wherein said third and fourth markings are metameretic and have the same color appearance under a second light condition.
15. A method of preparing a copy-proof paper article comprising:
printing first and second colored markings on a paper article, wherein said first and second markings are metameretic and have the same color appearance under copier light; or
printing first and second colored markings on a paper article, wherein said first and second markings are metameretic and have a different color appearance under copier light.

16. A copy-proof paper article having first and second colored markings printed thereon, wherein said first and second markings are metamerics.
17. The copy-proof paper article of claim 16, wherein the first and second markings have the same color appearance under copier light.
18. The copy-proof paper article of claim 16, wherein the first and second markings have a different color appearance under copier light.
19. A color printer comprising:
 - a set of process inks; and
 - a first spot ink, wherein said first spot ink forms a metamerics pair with one of the process inks or a mixture of the process inks; or
 - first and second spot inks, wherein said first and second spot inks form a metamerics pair.
20. A color printer comprising:
 - a set of process inks, wherein one of the process inks forms a metamerics pair with a mixture of the process inks.